Amendments to the claims:

The listing of claims set forth below replace all prior versions in the listings of claims in the subject application:

Claim 1 (Original) An abrasive composition for polishing substrates comprising:

a plurality of abrasive particles comprising a polydisperse particle size distribution with median particle size, by volume, being about 20 nanometers to about 100 nanometers, a span value, by volume, being greater than or equal to about 20 nanometers, wherein a fraction of said particles greater than about 100 nanometers is less than or equal to about 20% by volume of the abrasive particles.

Claim 2 (Original) An abrasive composition according to claim 1, wherein said abrasive particles comprise a polydisperse particle size distribution with median particle size, by volume being about 20 nanometers to about 100 nanometers, a span value, by volume, being greater than or equal to about 15 nanometers, wherein a fraction of said particles greater than about 100 nanometers is less than or equal to about 15% by volume of the abrasive particles.

Claim 3 (Original) An abrasive composition according to claim 1, wherein said abrasive particles comprise a polydisperse particle size distribution with median particle size, by volume being about 20 nanometers to about 100 nanometers, a span value, by volume, being greater than or equal to about 15 nanometers, wherein a fraction of said particles greater than about 100 nanometers is less than or equal to about 10% by volume of the abrasive particles.

Claim 4 (Currently Amended) An abrasive composition according to claim 1, wherein said abrasive particles comprise a polydisperse particle size distribution with median particle size, by volume being about 20 nanometers to about 100 nanometers, a span value, by volume, being greater than or equal to about 15 nanometers, wherein a fraction of said particles greater than about 100 nanometers is less than or equal to about ~~1~~5% by volume of the abrasive particles.

Claim 5 (Original) An abrasive composition according to claim 1, wherein said abrasive particles comprise a polydisperse particle size distribution with median particle size, by volume being about 20 nanometers to about 100 nanometers, a span value, by volume, being greater than or equal to about 18 nanometers, wherein a fraction of said particles greater than about 100 nanometers is less than or equal to about 20% by volume of the abrasive particles.

Claim 6 (Currently Amended) An abrasive composition according to claim 1, wherein said abrasive particles comprise a polydisperse particle size distribution with median particle size, by volume being about 20 nanometers to about 100 nanometers, a span value, by volume, being greater than or equal to about 20 nanometers, wherein a fraction of said particles greater than about 100 nanometers is less than or equal to about 20% by volume of the abrasive particles.

Claim 7 (Original) An abrasive composition according to claim 1, wherein said abrasive particles comprise a polydisperse particle size distribution with median particle size, by volume, being about 20 nanometers to about 100 nanometers, a span value, by volume, being greater than or equal to about 15 nanometers, wherein a fraction of said particles greater than about 100 nanometers is less than or equal to about 20% by volume of the abrasive particles.

Claim 8 (Original) An abrasive composition according to claim 1, wherein said abrasive particles comprise silica.

Claim 9 (Original) An abrasive composition according to claim 1, wherein said abrasive particles comprise colloidal silica.

Claim 10 (Currently Amended) An abrasive composition according to claim 1, wherein said abrasive particles comprise~~,~~ alumina~~,~~. ~~aluminum, ammonia or potassium cations bonded thereto.~~

Claim 11 (Original) An abrasive slurry composition for polishing substrates comprising:

a plurality of abrasive particles comprising a polydisperse particle size distribution with median particle size, by volume, being about 20 nanometers to about 100 nanometers, and a span value, by volume, being greater than or equal to 20 nanometers, wherein a fraction of said particles greater than about 100 nanometers is less than or equal to about 20% by volume of the abrasive particles; and

a solution having one or more chemical reactants.

Claim 12 (Original) An abrasive slurry according to claim 11, wherein said abrasive particles comprise a polydisperse particle size distribution with median particle size, by volume, being about 20 nanometers to about 100 nanometers, a span value, by volume, being greater than or equal to about 15 nanometers, wherein a fraction of said particles greater than about 100 nanometers is less than or equal to about 10% by volume of the abrasive particles.

Claim 13 (Original) An abrasive slurry according to claim 11, wherein said abrasive particles comprise a polydisperse particle size distribution with median particle size, by volume, being about 20 nanometers to about 100 nanometers, a span value, by volume, being greater than or equal to about 18 nanometers, wherein a fraction of said particles greater than about 100 nanometers is less than or equal to about 20% by volume of the abrasive particles.

Claim 14 (Original) An abrasive slurry according to claim 11, wherein said abrasive particles comprise a polydisperse particle size distribution with median particle size, by volume, being about 20 nanometers to about 100 nanometers, a span value, by volume, being greater than or equal to about 15 nanometers, wherein a fraction of said particles greater than about 100 nanometers is less than or equal to about 20% by volume of the abrasive particles.

Claim 15 (Original) An abrasive slurry according to claim 11, wherein said abrasive particles comprise silica.

Claim 16 (Currently Amended) An abrasive slurry according to claim 11, wherein said abrasive particles comprise~~,~~ alumina~~,~~. ~~aluminum, ammonia or potassium cations bonded thereto.~~

Claim 17 (Original) A method for polishing substrates with an abrasive composition comprising:

providing a substrate to be polished;

and polishing the substrate using a plurality of abrasive particles comprising, a polydisperse particle size distribution with median particle size, by volume, being about 20 nanometers to about 100 nanometers, a span value, by volume, being greater than or equal to about 20 nanometers, and wherein a fraction of said particles greater than about 100 nanometers is less than or equal to about 20% by volume of the abrasive particles.

Claim 18 (Original) A method according to claim 17, wherein said abrasive particles comprise a polydisperse particle size distribution with median particle size, by volume being about 20 nanometers to about 100 nanometers, a span value, by volume, being greater than or equal to about 15 nanometers, wherein a fraction of said particles greater than about 100 nanometers is less than or equal to about 10% by volume of the abrasive particles.

Claim 19 (Original) A method according to claim 17, wherein said abrasive particles comprise a polydisperse particle size distribution with median particle size, by volume being about 20 nanometers to about 100 nanometers, a span value, by volume, being greater than or equal to about 18 nanometers, wherein a fraction of said particles greater than about 100 nanometers is less than or equal to about 20% by volume of the abrasive particles.

Claim 20 (Original) A method according to claim 17, wherein said abrasive particles comprise a polydisperse particle size distribution with median particle size, by volume being about 20 nanometers to about 100 nanometers, a span value, by volume, being greater than or equal to about 15 nanometers, wherein a fraction of said

particles greater than about 100 nanometers is less than or equal to about 20% by volume of the abrasive particles.

Claim 21 (Original) A method according to claim 17, wherein said abrasive particles comprise silica.

Claim 22 (Currently Amended) A method according to claim 17, wherein said abrasive particles comprise~~,~~ alumina~~,~~. ~~aluminum, ammonia or potassium cations bonded thereto.~~

Claim 23 (New) An abrasive composition for polishing substrates comprising:

a plurality of abrasive particles comprising a poly-dispersed particle size distribution with median particle size, by volume, being about 20 nanometers to about 100 nanometers, a span value, by volume, being greater than or equal to about 15 nanometers, wherein a fraction of said particles greater than about 100 nanometers is less than or equal to about 2% by volume of the abrasive particles.